ICPSR Biennial Meeting, Ann Arbor, MI (9/29 – 10/2)

Sessions Attended (slides and note available upon request!):

- Curating and Managing Research Data for Re-Use
  Overview ICPSR data processing practices, intro to DDI metadata scheme, and intro to metadata creation tools (e.g., Nesstar)

- A Tour through the Statistical Software Maze
  Overview of SPSS, SAS, and STATA with emphasis on methods for basic data assurance

- OR/DR Boot Camp! Fundamentals and the Evolution of the Official and Designated Representative Role
  Overview of OR/DR roles and resources with emphasis navigating ICPSR website, collections, and search tools

- Delivering Data Services to Your Institution
  Overview of definition and categorization of data services, including preservation, user, collection, and access services. Emphasis placed on developing mission, defining user community, and determining levels of support.

- Building Research Data Management Services
  Panel of three data management librarians describing programs and services at their institutions. Extensive introduction to Cornell Institute for Social and Economic Research's portal.

- ICPSR Business Meeting Luncheon
  Delivery of State of the Consortium report and discussion of the future of ICPSR. Emphasis on the importance of OpenICPSR and restricted-use data services in the evolving open-access data repository marketplace.

- Networking Round Tables
  Lightning rounds covering incorporating data in the classroom; career development; promoting ICPSR & data services; ICPSR governance; use of ICPSR/data in small colleges; finding and accessing international data; and restricted-use data services.

- All About ICPSR
  Overview of ICPSR collections, programs, and services, with emphasis on for-fee data consulting and preservation services.

- The Sleuthful Data Steward: Strategies to Discover Research Data on Your Campus and Argue for Its Deposit
  ICPSR Acquisitions and Cornell Institute for Social and Economic Research (CISER) staff discussed leveraging advanced data analysis, replication, and visualization services to promote data curation.

- Data Management Plans – From Writing to Reward
  Overview of DMP consulting and review practices, including an overview of ICPSR supports and collection development policy, and an update on the DMP as A Research Tool (DART) project's development of a standard rubric for analyzing draft DMPs. Emphasis was more on determining appropriate mix and levels of service than on nuts and bolts of effective DMPs.

Charleston Seminar, Charleston, SC (11/3): Research Data Management Services: A Primer

- Presenters reviewed generic models of the research and data life cycles, and suggested overlaps between the two. Presenters suggested that, for researchers in data-driven fields, emerging models of the data life cycle provide a more thorough representation of the research process than traditional research life cycle models. Presenters proposed a generic mapping of data management services onto the following data life cycle model.
Presenters discussed categories and levels of data management services that libraries provide. Presenters offered the following service matrix, which is derived from Reznik-Zellen, Rebecca C.; Adamick, Jessica; and McGinty, Stephen. (2012). "Tiers of Research Data Support Services." Journal of eScience Librarianship 1(1): Article 5. http://dx.doi.org/10.7191/jeslib.2012.1002

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<th>Level of Service</th>
<th>Category of Service</th>
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<td>Education</td>
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<td>Low</td>
<td>Online Resources</td>
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Presenters reviewed a data management workshop for graduate students and faculty titled “The Gummy Bear Challenge” (http://libguides.ohsu.edu/gummybear), which encourages reflection on data collection, management, and assurance practices pursuant to effective DMP development and streamlined curation. This workshop likely is adaptable as a 1-2 hour workshop.

Presenters provided a number of data initiative case studies from their home institutions, most of which assumed a very high level of consultative expertise and support, including statistical methods consultations and data visualization software support.

Presenters provided best practices for building data management services:
- Prioritize librarian education
- Prioritize graduate student education
- Promote through Offices of Research and Research Computing
- Know where faculty are getting grants and adjust message accordingly
- Approach data curation consulting as you would vetting publications [researchers should be encouraged to deposit in the highest profile repositories they can]

Presenters enumerated numerous online RDM resources, including DataQ, RDM Rose, DataOne Education Modules, Biosharing.org, DMPTool, DCC How to License Research Data, and re3data.org.